

# Weekly Metrics for August 3 - 9, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC	0.9	1x Baseline	0.95	A
			GES DAAC	0.9	1x Baseline	0.95	A
ICESat (1/03)	GLAS	L0 Ingest Archive	NSIDC	41	1x Baseline	40	W
			NSIDC	41	1x Baseline	40	W
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	90	
		L1 Prod	GES DAAC	807	Various	506	M, U
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	106	M, U
		Archive	GES DAAC	1,012	Various	703	M, U
		Distribution	GES DAAC				
	AMSR-E	<i>Production</i>				242	
		<i>End users</i>		471	Various	1	G
		<i>Data Pool</i>				268	V
		L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	7	B, C
CERES	MODIS	L2-L3 Prod	GHRC	38	2.03x Baseline	0	C
		Archive	NSIDC	67	Baseline	13	C
		Distribution	NSIDC				
		<i>Production</i>				4	
		<i>End Users</i>		35	1.015x Baseline	1	C, G
		<i>Data Pool</i>				7	V
	CERES	Archive	ASDC	169	Various	Included	See Footnote S
		Distribution	ASDC			In	
		<i>Testing/QA</i>		1,421	IT Requirements	Terra	
		<i>End Users</i>		109	1.015x Baseline	CERES	
MODIS	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	564	
		L1 Prod	GES DAAC	5,047	Various	5,446	M
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	3,207	M, R
		Archive	LP DAAC	3,516	Various	2,185	M, R
			GES DAAC	8,015	Various	6,879	M, R
	MODIS	NSIDC	NSIDC	426	Various	153	M, R
		Distribution	LP DAAC				
		<i>End User</i>		2,345	1.015x Baseline	11	G
		<i>Data Pool</i>				0	V
		Distribution					
METEOR 3M (12/01)	SAGE III	<i>Testing/QA</i>	GES DAAC	362	IT Requirements	0	
		<i>To MODAPS/LaRC</i>				5,462	
		<i>End Users</i>		4,157	1.015x Baseline	905	G
		<i>Data Pool</i>				15	V
		Distribution					
	SAGE III	<i>End User</i>	NSIDC	284	1.015x Baseline	0	G
		<i>Data Pool</i>				0	V
		Archive	ASDC	0.9	Various	2.7	D
		Distribution	ASDC				
		<i>Production</i>				4	
ACRIMSAT (12/99)	ACRIM 3	<i>End Users</i>		0.02	1.015x Baseline	18	
		Archive	ASDC	1	1x Baseline	0	D
	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	4,67	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	93	E
		L1B Archive	LP DAAC	271	1.015x Baseline	95	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	88	E
		Archive	LP DAAC	2,173	Various	653	E

Terra (12/99)		Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	LP DAAC	1,221	1.015x Baseline	851 131 0.1	G, O, P V
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	357 1,421 119	Various IT Requirements 1.015x Baseline	374 0 18	S G, O
	MISR	L0 Ingest L1 Prod L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC ASDC ASDC ASDC ASDC	249 3,359 285 3,894 137 1,215	1x Baseline Various 3.045x Baseline Various IT Requirements 1.015x Baseline	253 776 61 1,090 115 429 729 0.1	F F F G, O V
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive  Distribution <i>Testing/QA</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End users</i> <i>Data Pool</i> Distribution <i>End Users</i> Distribution <i>End Users</i> <i>Data Pool</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC PO DAAC NSIDC LP DAAC  GES DAAC  PO DAAC NSIDC	518 7,570 12,789 7,034 12,990 0 853 23 2,345  362 4,157  0 284	1x Baseline Various 3.045x Baseline Various (L2-L4) Various (L0-L4) Various (L2-L3) Various (L2-L3) IT Requirements 1.015x Baseline  IT Requirements 1.015x Baseline  Baseline 1x Baseline	504 11,820 11,207 9,214 13,847 12 488 1 1,014 0.1 235 13,134 1,658 187 6 33 0.02	I I, Q G, O V G V G, O V
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC SIPS SIPS ASDC ASDC	2 2 2 6 1	1x Baseline Various 3.045x Baseline Various 1.015x Baseline	2 0 0 2 5 59 5	J J J G, O V
Landsat-7 (4/99)	ETM+	Archive Distribution	LP DAAC LP DAAC	1,092 58	250 Scenes ECS ICD	595 68	X
ADEOS – II (12/02)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC			0 8	
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	PO DAAC PO DAAC	NA	NA	32 21	K
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC	109	Weekly Average	41 77	K
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	PO DAAC PO DAAC	24	Weekly Average	0.2 33	K
Other Missions	AVHRR	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	2 41	L

Notes:

- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. Regular delivery of AMSR-E L1A data to US from NASDA resumed on June 19. No L2 or 3 data currently was sent from the AMSR-E SIPS for archival.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. No reprocessing has been done this week.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. Has not received any L1 or L2 products from MOPITT SIPS.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- L. Includes distribution of educational materials, in addition to AVHRR SST products.
- M. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- U. HSB is still in survival mode.
- V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- W. Laser #1 was shut down on March 19 and only engineering data have been collected. The replacement laser is not expected to be turned on until late August or early September.
- X. Landsat-7 scan line corrector (SLC) failed on May 31 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The data collected are archived, but are not available for processing or data ordering.

*\* Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 <sup>st</sup> year after launch	2 <sup>nd</sup> year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.